



AVOX Systems

SERVICE INFORMATION LETTER

AVOX Systems Inc. (Formerly Scott Aviation, Inc.)
225 Erie Street • Lancaster, NY 14086-9502 • USA
Tel: 716-683-5100 • Fax: 716-681-1089 • Web Site: www.avoxsys.com

OXYGEN - ATA CHAPTER 35

VENDOR CODE: 53655

TEST DATA SHEET FOR P/N 802501, 802502, 802511, 802512 Series Aviox® Portable Oxygen Units

1. BACKGROUND

- A. Component Maintenance Manual (CMM) 35-31-07 specifies the tests that must be passed in order to return a unit to service. This SIL provides a standardized form on which to record the results of the required functional tests. This form will be incorporated into the CMM at the next revision.
- B. You are authorized to copy the form on page 2. If you copy the form on page 2, you must copy all of the form.
- C. Use this form only for the AVOX Systems components printed on the form. Do not use this form for any other AVOX Systems components or for any components of another company.

2. EFFECTIVITY

- A. Aircraft
The Test Data Sheet on page 2 can be used for all units whether removed from any aircraft or from spares inventory.
- B. This SIL applies to all P/N 802501, 802502, 802511, 802512 Series Aviox® Portable Oxygen Units.

3. MATERIALS

The only material required by this SIL is the Test Data Sheet on page 2.

4. ACCOMPLISHMENT OF SIL

- A. Make a complete copy of the Test Data Sheet on page 2.
- B. Use a copy of the Test Data Sheet from page 2 to record the results of tests whenever a P/N 802501, 802502, 802511, 80212 Series Aviox® Portable Oxygen Unit is tested.

5. TO CONTACT AVOX SYSTEMS:

Use the contact information below to get a copy of a CMM or the revision status of a publication. Give the AVOX Systems part number and the aircraft model when you request a CMM copy.

First tier operators:

IN-Services Europe (HQ)
Yann Lainé
7, Avenue du Parana
B. P. 303
91958 Courtaboeuf Cedex
France

Telephone: +33-1-64-86-69-64
Fax: +33-1-64-86-69-84
E-mail: ylaine@intertechnique.zodiac.com
Website: www.in-services.com

Second tier operators:

AVOX Systems
Technical Publications
225 Erie Street
Lancaster, NY
14086-9502
USA
716-683-5100
716-681-1089
avoxtechpub@avox.zodiac.com
www.avoxsys.com



**CMM 35-31-07
TEST DATA SHEET**

802501, 802502, 802511, 802512 Series AVIOX® Portable Oxygen Units

Tested by: _____

Date: _____

Part Number: 8025__-__

Inspected by: _____

Date: _____

Serial Number: _____

Refer to the CHECK and the TESTING AND FAULT ISOLATION sections of CMM 35-31-07.**CHECK Inspection, Repair, and Replacement**

Inspect the assembly and parts for evidence for external damage, scoring, thread damage, and overall condition. Verify no evidence of deterioration to elastomer parts, mask assembly, and tubing. Verify that any parts that are no longer serviceable have been replaced.

☐ FAIL ☐ PASS
1. Test Procedures**A. Relief Valve Test**

Perform a relief valve test.

Inlet Pressure psig (MPa)	Flow cc/min.	Relief Valve Flows	Flow lpm	Pressure Gauge Indicates 12 psi Max.
4 (0.03) Max.	10 Max.	☐ FAIL ☐ PASS	15	☐ FAIL ☐ PASS

B. Relief Valve Test (Installed)

Perform a test on the installed relief valve.

Inlet Pressure psig (MPa)	Poppet in the Manifold Opens and Flows	Flow lpm	Pressure Gauge Indicates 15 psi Max.	0 Leakage Allowed
10 (0.07) Min.	☐ FAIL ☐ PASS	7.5	☐ FAIL ☐ PASS	☐ FAIL ☐ PASS

C. Final Leakage Tests

Perform a final leakage test on the completely assembled unit.

Duration minutes	Bulb Remains Compressed
15	☐ FAIL ☐ PASS

NOTE: Flows are given for oxygen test gas @ NTPD. Apply appropriate correction factor if another medium is used.